

中国姜科一新种及一新变种*

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A NEW SPECIES AND A NEW VARIETY OF THE ZINGIBERACEAE FROM CHINA

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Key words *Hedychium*; *H. nutantiflorum* H. Dong et G. J. Xu; *Alpinia*; *A. henryi* var. *densihispida* H. Dong et G. J. Xu

关键词 姜花属; 垂序姜花; 山姜属; 毛草寇

垂序姜花 新种 图 1

Hedychium nutantiflorum H. Dong et G. J. Xu, sp. nov.

Species habitu *H. hookeri* Baker similis, sed inflorescentiis nutantibus, bracteis haud imbricatis, labellis bipartitis fere usque ad basin differt.

Herba humilis, 47~100 cm alta. Caulis basi strumosus subglobosus. Laminae elliptico-lanceolatae vel angusto-lanceolatae, 15~27 cm longae, 3~4 cm latae, apice acuminatae, basi angustatae vel breve angustatae, utrinque glabrae; petioli c. 0.5 cm longi; ligulae obtusae, 0.2~0.4 cm longae, glabrae, purpureae. Spicae breves, 4.6~5 cm longae, nutantes, glabrae; bractee membranaceae, basi connatae, 0.7~1 cm longae, uniflorae; bracteolae tubulatae, c. 0.4 cm longae, unilateraliter fissae. Flores luteoli; calycis tubus 1 cm longus; corollae tubus calycis tubum superans, c. 1.2 cm longus, fauce villosa, lobis linearibus, 0.8~1 cm longis, c. 0.2 cm latis; staminodia lateraliter petaloidea, oblongo-lanceolata, c. 0.7 cm longa, 0.2 cm lata; labellum oblongo-ovatum, luteum, c. 0.7 cm longum, c. 0.2 cm latum, apice bipartitum fere usque ad basim; stamina c. 1.2 cm longa, filamentis latoribus, c. 1 cm longis, c. 0.2 cm latis, antheris c. 0.5 cm longis; ovarium globosum, c. 0.2 cm diam., villosum.

Yunnan(云南): Yuanyang(元阳), alt. 1600~1800 m, in sylvis prope viam, 1990-08-19, H. Dong(董辉)9008038(holotypus, SCIB).

植株矮小, 高 47~100 cm。茎基部膨大呈球形。叶片椭圆状披针形或狭披针形, 长

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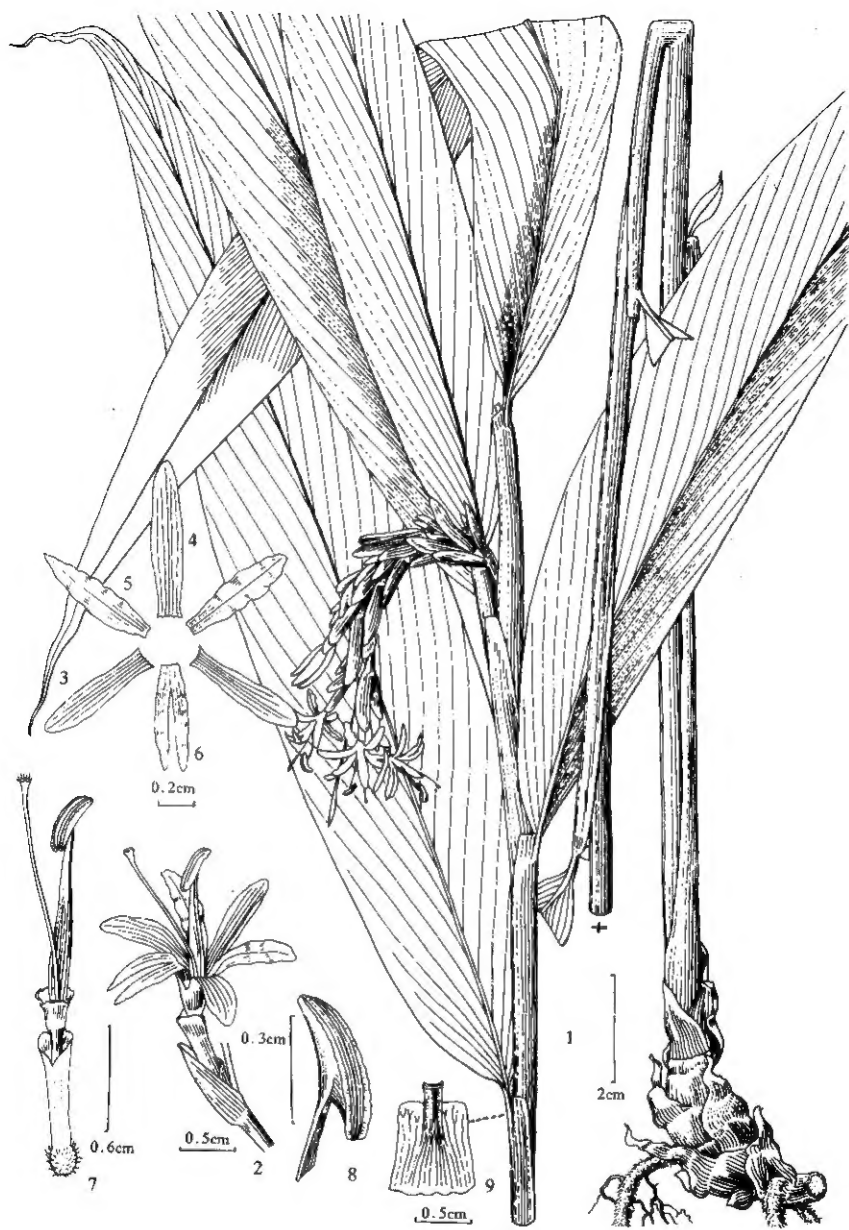


图1 垂序姜花 1.花序; 2.花; 3.花冠侧裂片; 4.花冠背裂片; 5.侧生退化雄蕊; 6.唇瓣; 7.子房和花萼; 8.雄蕊; 9.叶舌。(陈荣道绘)

Fig. 1 *Hedychium nutantiflorum* H. Dong et G. J. Xu 1. inflorescence; 2. flower; 3. lateral corolla lobe; 4. dorsal corolla lobe; 5. lateral staminode; 6. labellum; 7. ovary and calyx; 8. stamen; 9. ligule.

15~27 cm, 宽3~4 cm, 顶端长尾尖, 基部狭或渐狭, 叶两面无毛; 叶柄长约0.5 cm; 叶舌钝, 长0.2~0.4 cm, 无毛, 紫红色。穗状花序短小, 长4.6~5 cm, 下垂, 无毛; 苞片膜质, 基部连合, 长0.7~1 cm, 每苞片内有花一朵; 小苞片管状, 长0.4 cm, 一侧开裂。花黄色, 花萼管长约1 cm; 花冠管长超过花萼管, 长约1.2 cm, 喉部具短柔毛, 花冠裂片线状, 长

0.8~1 cm, 宽 0.2 cm; 侧生退化雄蕊花瓣状, 长圆状披针形, 长约 0.7 cm, 宽约 0.2 cm; 唇瓣长圆状卵形, 黄色, 长约 0.7 cm, 宽约 0.2 cm, 顶端二深裂几乎达到基部; 雄蕊长约 1.2 cm, 花丝较宽, 长约 1 cm, 宽约 0.2 cm, 花药长约 0.5 cm; 子房球形, 直径约 0.2 cm, 具柔毛。

本种与 *Hedychium hookeri* Baker 很接近, 但花序下垂, 苞片不呈覆瓦状排列, 唇瓣二深裂几达基部, 可以区别。

毛草蔻 新变种 别名: 大山姜(海南)。

Alpinia henryi K. Schum. var. **densihispida** H. Dong et G. J. Xu, var. nov.

A typo differt laminis generaliter latioribus, foliis subtus tomentosis et calycibus dense hispidis, bracteolis apice rubris.

Hainan(海南): Ledong(乐东), Jianfengling(尖峰岭), 1992-04-27, H. Dong 9204008 (holotypus, CPU); S. K. Liu(刘心祈)5428, 3442; X. R. Liang(梁向日)636111; Sanya, Z. Huang(黄志)32840; Tongshi, L. Deng(邓良)3798.

作者在对海南岛草豆蔻 *Alpinia henryi* K. Schum. 资源调查时发现, 该变种集中分布在海南西南一带, 与原变种有明显不同的地理分布。